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NOTICE OF ALLOWANCE AND FEE(S) DUE

49637

7590

10/01/2008

BERRY & ASSOCIATES P.C. 9255 SUNSET BOULEVARD SUITE 810 LOS ANGELES, CA 90069 EXAMINER

MEINECKE DIAZ, SUSANNA M

ART UNIT PAPER NUMBER

3692

DATE MAILED: 10/01/2008

APPLICATION NO.			ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/874,717	06/04/2001	Roger Flores	PALM-3643 . US . P	6235	

TITLE OF INVENTION: AUTOMATIC COLLECTION AND UPDATING OF APPLICATION USAGE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$0	\$0	\$1440	01/02/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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09/874,717	06/04/2001	•	Roger Flores		•	PAI	LM-3643 . US . P	6235	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	OUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DU	JE
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Change of correspond FR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-C Number is required.	(1) the names of u or agents OR, alter (2) the name of a s registered attorney	of a single firm (having as a member a orney or agent) and the names of up to atent attorneys or agents. If no name is							
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/874,717	06/04/2001	Roger Flores	PALM-3643 . US . P	6235
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BERRY & ASS	OCIATES P.C.	MEINECKE DIA	Z, SUSANNA M	
9255 SUNSET B	OULEVARD	ART UNIT	PAPER NUMBER	
SUITE 810 LOS ANGELES,	CA 90069		3692 DATE MAILED: 10/01/200	8

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 904 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 904 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	09/874,717	FLORES ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Susanna M. Diaz	3692	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8: NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3:	S (OR REMAINS) CLOSED 5) or other appropriate comm RIGHTS . This application is	n this application. If not included unication will be mailed in due course.	
1. This communication is responsive to the Examiner's ame	endment agreed to on Septer	<u>nber 11, 2008</u> .	
2. The allowed claim(s) is/are 1-6 and 8-29.			
 3. ☐ Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents ha 		or (f).	
2. Certified copies of the priority documents ha		on No	
3. Copies of the certified copies of the priority of			m the
International Bureau (PCT Rule 17.2(a)).		3	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requireme	ents
4. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which gi			OF
5. CORRECTED DRAWINGS (as "replacement sheets") m	ust be submitted.		
(a) \square including changes required by the Notice of Draftspe	erson's Patent Drawing Revie	w (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	<u>_</u> .		
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	er's Amendment / Comment o	r in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such ir			of
6. DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMENT			•
Attachment(s) 1. Notice of References Cited (PTO-892)	5. ☐ Notice of I	nformal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948	6. 🔲 Interview S	Summary (PTO-413),	
3. ☐ Information Disclosure Statements (PTO/SB/08),	Paper No 7. ⊠ Examiner's	/Mail Date Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	t 8. ☐ Examiner's	Statement of Reasons for Allowance	
/Susanna M. Diaz/	<u> </u>	<u>-</u> ·	
Primary Examiner Art Unit: 3692			
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Art Unit: 3692

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Reena Kuyper (Reg. No. 33,830) on September 11, 2008.

The application has been amended as follows:

- 1. (Previously Presented) In an electronic device having a plurality of application programs, a method of monitoring usage comprising the steps of:
- a) gathering usage statistics of said application programs, said usage statistics comprising: measurements denoting a duration of usage when said electronic device is powered by batteries; measurements denoting a duration of usage when said electronic device is powered by an external source of power; measurements denoting a duration of usage when an auto-shutoff of said electronic device occurs, said measurements for denoting a duration of usage adjusted by a predetermined scale factor; and measurements denoting a duration of usage of said application programs when an interrupt occurs;
 - b) storing said usage statistics; and
- c) automatically transmitting said stored usage statistics to a server on a regular basis, whereby said server tabulates said usage statistics;

wherein said gathering step further comprises measuring duration of application usage, and when an auto-shutoff occurs, includes a predetermined fraction of the time from a last user interaction to said auto-shutoff in said measured duration.

2. (Original) A method as described in Claim 1 wherein said storing step comprises, for at least one said application program, storing of:

Art Unit: 3692

i) duration of usage since last said transmitting step occurred;

- ii) number of times used since last said transmitting step occurred;
- iii) total duration usage; and
- iv) total number of times used.
- 3. (Original) A method as described in Claim 1 and further comprising the step of displaying said stored usage statistics on a display of said electronic device.
- 4. (Previously Presented) A method as described in Claim 1 wherein said gathering step further comprises measuring duration of usage of at least one said application program and does not include time when said electronic device is turned off.
- 5. (Previously Presented) A method as described in Claim 1 wherein said gathering step further comprises:
 - i) measuring, for at least one said application program, a first duration of usage while said electronic device is running on batteries; and
 - ii) measuring, for said at least one application program, a second duration of usage while said electronic device is connected to an external source of power.
- 6. (Original) A method as described in Claim 5 wherein said measuring steps do not include time when an interrupt pauses use of said at least one application program.
- 7. (Canceled)
- 8. (Original) A method as described in Claim 1 wherein said electronic device is a palm-sized computer system.
- 9. (Original) A method as described in Claim 1 wherein said electronic device is a wireless telephone.

Art Unit: 3692

10. (Currently Amended) In an personal digital assistant having a plurality of application programs, a method of monitoring usage comprising the steps of:

- a) gathering usage statistics of said application programs, said usage statistics comprising: measurements denoting a duration of usage when said personal digital assistant is powered by batteries; measurements denoting a duration of usage when said personal digital assistant is powered by an external source of power; measurements denoting a duration of usage when an auto-shutoff of said personal digital assistant occurs, said measurements for denoting a duration of usage adjusted by a <u>predetermined</u> scale factor; and measurements denoting a duration of usage of said application programs when an interrupt occurs;
 - b) storing said usage statistics; and
 - c) automatically transmitting said stored usage statistics to a server on a regular basis, whereby said server tabulates said usage statistics; and wherein said gathering step further comprises measuring duration of application usage, and when an auto-shutoff occurs, includes a predetermined fraction of the time from a last user interaction to said auto-shutoff in said measured duration.
- 11. (Original) A method as described in Claim 10 wherein said storing step comprises, for at least one said application program, storing of:
 - i) duration of usage since last said transmitting step occurred;
 - ii) number of times used since last said transmitting step occurred;
 - iii) total duration usage; and
 - iv) total number of times used.
- 12. (Previously Presented) A method as described in Claim 10 and further comprising the step displaying said stored usage statistics on a display of said personal digital assistant.

Art Unit: 3692

13. (Previously Presented) A method as described in Claim 10 wherein said gathering step further comprises:

- i) measuring, for at least one said application program, a first duration of usage while said electronic device is running on batteries; and
- ii) measuring, for said at least one application program, a second duration of usage while said electronic device is connected to an external source of power.
- 14. (Original) A method as described in Claim 10 wherein said personal digital assistant is a palm-sized computer system.
- 15. (Original) A method as described in Claim 10 wherein said personal digital assistant is a wireless telephone.
- 16. (Currently Amended) In an electronic device comprising a processor coupled to a bus, a display coupled to said bus and a memory coupled to said bus, said memory having a database of records of different categories and instructions implementing a method of displaying information comprising the steps of:
- a) gathering usage statistics of said application programs, said usage statistics comprising: measurements denoting a duration of usage when said electronic device is powered by batteries; measurements denoting a duration of usage when said electronic device is powered by an external source of power; measurements denoting a duration of usage when an auto-shutoff of said electronic device occurs, said measurements for denoting a duration of usage adjusted by a <u>predetermined</u> scale factor; and measurements denoting a duration of usage of said application programs when an interrupt occurs;
 - b) storing said usage statistics; and
 - c) automatically transmitting said stored usage statistics to a server on a regular basis, whereby said server tabulates said usage statistics; and

Art Unit: 3692

wherein said gathering step further comprises measuring duration of application usage, and when an auto-shutoff occurs, includes a predetermined fraction of the time from a last user interaction to said auto-shutoff in said measured duration.

- 17. (Original) A method as described in Claim 16 wherein said storing step comprises, for at least one said application program, storing of:
 - i) duration of usage since last said transmitting step occurred;
 - ii) number of times used since last said transmitting step occurred;
 - iii) total duration usage; and
 - iv) total number of times used.
- 18. (Original) A method as described in Claim 16 and further comprising the step of displaying said stored usage statistics on a display of said electronic device.
- 19. (Previously Presented) A method as described in Claim 16 wherein said gathering step further comprises:
 - i) measuring, for at least one said application program, a first duration of usage while said electronic device is running on batteries; and
 - ii) measuring, for said at least one application program, a second duration of usage while said electronic device is connected to an external source of power.
- 20. (Original) A method as described in Claim 16 wherein said electronic device is a palm-sized computer system.
- 21. (Original) A method as described in Claim 16 wherein said electronic device is a wireless telephone.
- 22. (Currently Amended) In a system comprising a plurality of electronic devices having application programs and a computer server, a method of monitoring usage comprising the steps of:

Art Unit: 3692

a) gathering usage statistics of said application programs, said usage statistics comprising: measurements denoting a duration of usage when said electronic device is powered by batteries; measurements denoting a duration of usage when said electronic device is powered by an external source of power; measurements denoting a duration of usage when an auto-shutoff of said electronic device occurs, said measurements for denoting a duration of usage adjusted by a <u>predetermined</u> scale factor; and measurements denoting a duration of usage of said application programs when an interrupt occurs;

- b) storing said usage statistics;
- c) automatically transmitting said stored usage statistics to a server on a regular basis; and
- d) tabulating said transmitted usage statistics; and
 wherein said gathering step further comprises measuring duration of application
 usage, and when an auto-shutoff occurs, includes a predetermined fraction of the time
 from a last user interaction to said auto-shutoff in said measured duration.
- 23. (Original) A method as described in Claim 22, the system further comprising host computer, and further comprising the step of transmitting said stored usage statistics to said host computer before transmitting said stored usage statistics to said server.
- 24. (Original) A method as described in Claim 22 and further comprising the step of publishing said tabulated usage statistics on the Internet.
- 25. (Original) A method as described in Claim 22 and further comprising the step of crediting value to an account corresponding to at least one of said electronic devices.
- 26. (Currently Amended) In one or more computer servers, a method of collecting usage statistics comprising the steps of:

Art Unit: 3692

a) automatically receiving usage statistics for at least one application program on a regular basis, said usage statistics having been gathered from electronic devices, wherein said usage statistics comprise: measurements denoting a duration of usage when said electronic device is powered by batteries; measurements denoting a duration of usage when said electronic device is powered by an external source of power; measurements denoting a duration of usage when an auto-shutoff of said electronic device occurs, said measurements for denoting a duration of usage adjusted by a predetermined scale factor and measurements denoting a duration of usage of said at least one application program when an interrupt occurs;

- b) tabulating said received usage statistics; and
- c) publishing said tabulated usage statistics; and wherein said gathering step further comprises measuring duration of application usage, and when an auto-shutoff occurs, includes a predetermined fraction of the time from a last user interaction to said auto-shutoff in said measured duration.
- 27. (Original) A method as described in Claim 26 and further comprising the step of crediting value to an account corresponding to at least one of said electronic devices.
- 28. (Original) A method as described in Claim 26 and further comprising the step of storing said tabulated usage results in a database that can be queried.
- 29. (Original) A method as described in Claim 28 wherein said publishing step comprises:
 - receiving a query request;
 - b) applying said query to said database;
 - c) receiving query results from said database;
 - d) formatting said results; and
 - e) transmitting said formatted results.

Art Unit: 3692

Allowable Subject Matter

2. Claims 1-6 and 8-29 are allowed.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susanna M. Diaz whose telephone number is (571) 272-6733. The examiner can normally be reached on Monday-Friday, 8 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Abdi can be reached on (571) 272-6702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Susanna M. Diaz/ Primary Examiner, Art Unit 3692